

### Abstract of the disclosure

The present invention discloses a method for the production of a mature recombinant protein into the culture medium of an eukaryotic cell line genetically transfected with a cloned precursor cDNA sequence, which comprises an incubation of said cell line in the cell culture medium wherein alkanoic acids, their derivatives or salts thereof have been added for a period of time of at least 24 hours. The process allows the secretion of recombinant proteins into the culture medium in their physiologically active (mature) form.